

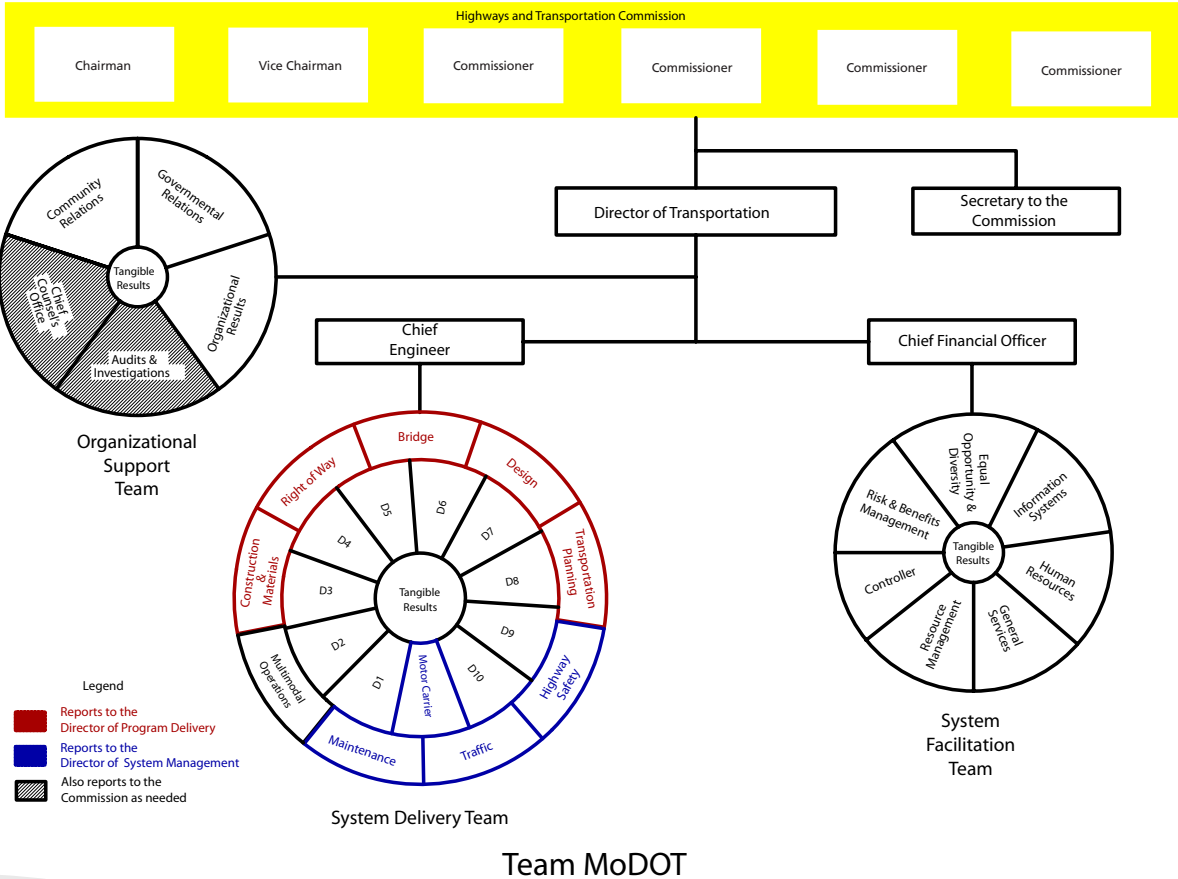
*Meet* **MoDOT**

Our mission is to provide a **world-class** transportation experience that **delights** our customers and promotes a **prosperous Missouri**.

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# Organizational Chart



The commission appoints the MoDOT director and the secretary to the commission. The director is responsible for appointing or hiring all other employees.

# Introduction

The Missouri Department of Transportation is committed to providing the public with a safe and modern transportation system. MoDOT is responsible for maintaining 33,685 miles of highways and 10,276 bridges and culverts throughout the state. But there’s much more to MoDOT.

In addition to designing, building and maintaining roads and bridges, MoDOT works to improve airports, river ports, railroads, public transit systems and pedestrian and bicycle travel. The agency also administers motor carrier and highway safety programs.

In 10 districts statewide and at MoDOT’s Central Office in Jefferson City, more than 6,200 employees use the latest technology to serve the traveling public.

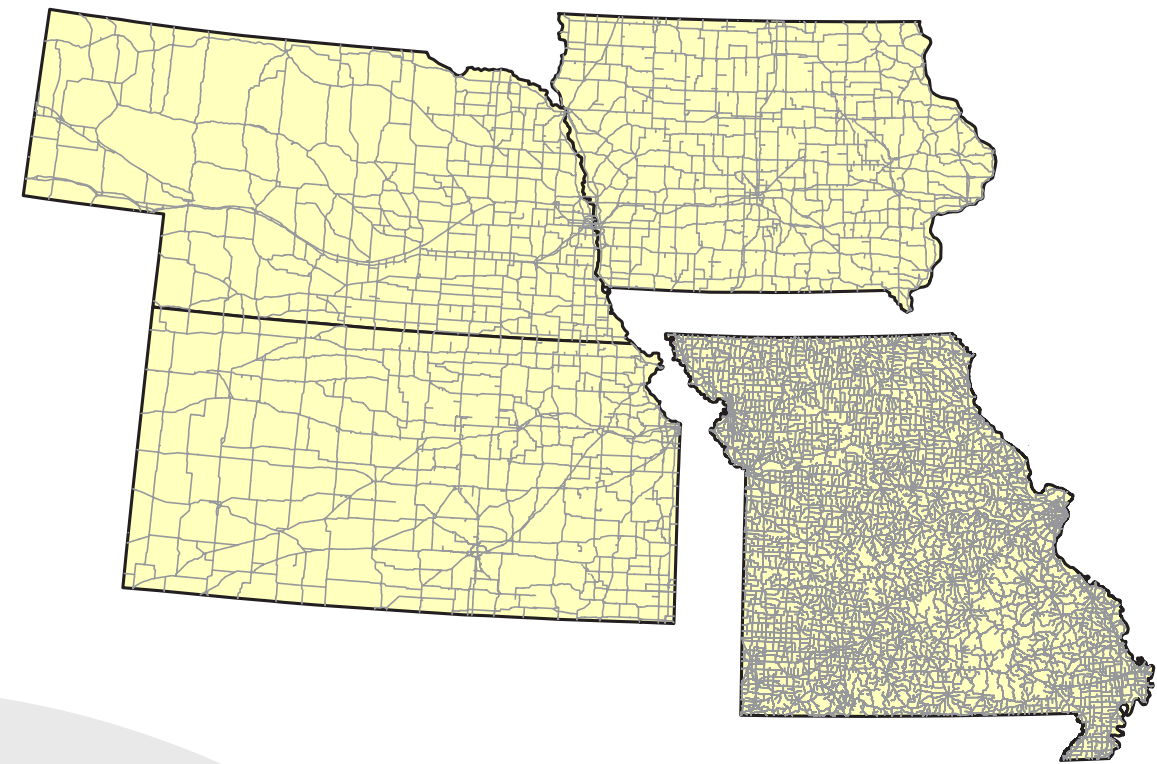
For more information: Call 1-888 ASK MODOT or visit [www.modot.org](http://www.modot.org).

## Missouri Highways and Transportation Commission

The Missouri Highways and Transportation Commission is a six-member, bipartisan board that governs the Missouri Department of Transportation. Commission members are appointed for six-year terms by the governor and are confirmed by the Missouri Senate. No more than three commission members may be of the same political party.

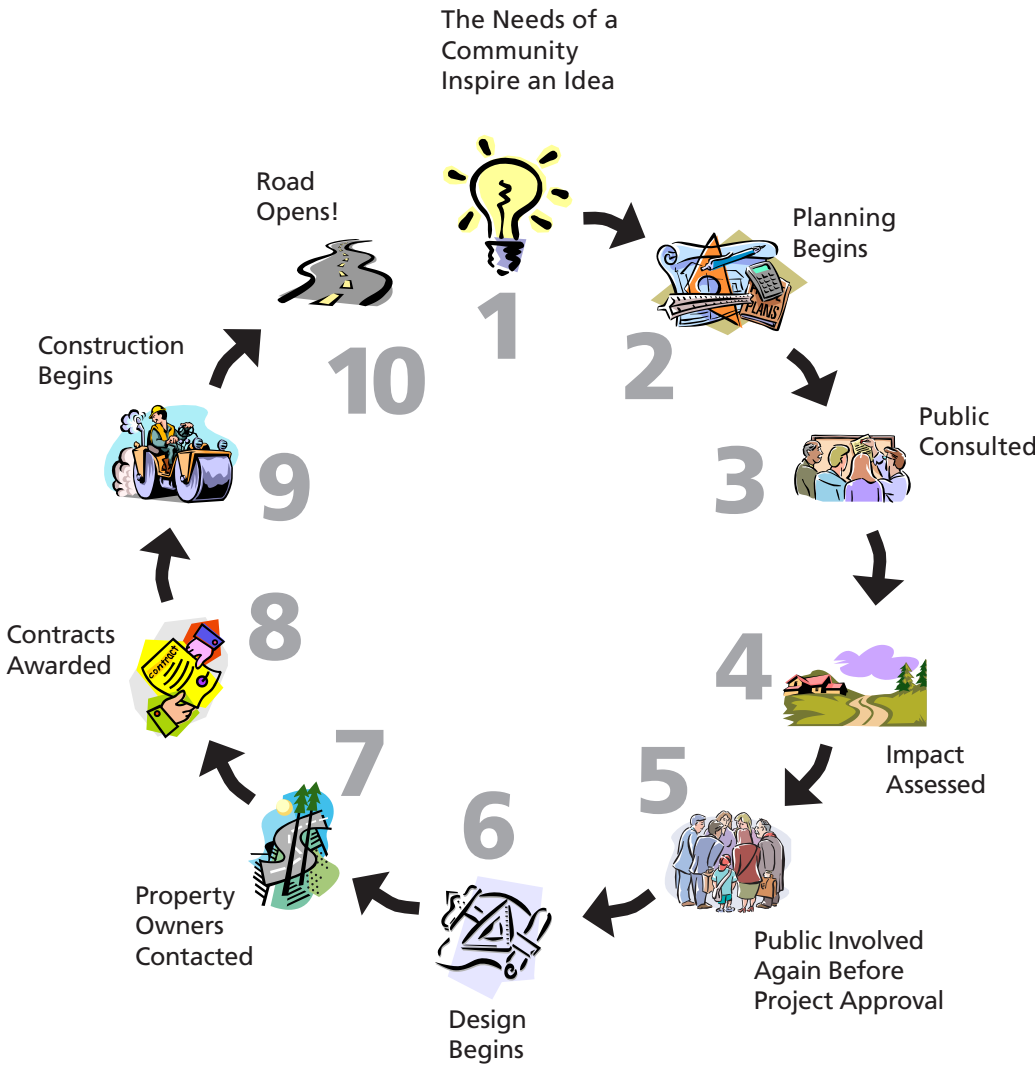
# Highways and Bridges

MoDOT plans, designs, constructs and maintains 33,685 miles of highways and 10,276 bridges and culverts. Missouri has the seventh largest state highway system in the nation, with more miles than Iowa, Nebraska and Kansas' systems combined. With 53 major river bridges, Missouri has more major river crossings than any other state.



# Idea to Reality

## Steps Involved in Building a Road





Planning

MoDOT plans its highway and bridge construction schedule using a rolling five-year plan called the Statewide Transportation Improvement Program. The current STIP delivers commitments to improve Missouri's bridges, major roads and multimodal projects.

MoDOT's long-range transportation plan identifies the state's transportation vision. The plan also communicates what the public expects of the state transportation system. It determines the values that guide needs and project prioritization for the 20-year planning horizon. These priorities and values guide the department when creating programs and projects in the STIP.

Public Involvement

MoDOT is committed to involving Missourians, local and state officials, community leaders, transportation stakeholders and others interested in the process of planning for Missouri's transportation system by identifying needs, selecting projects and defining the work to be done.

MoDOT strives to provide clearly understandable information to the public in a process that is open, transparent and fair. Collaborative decisions can then be made to minimize project impacts on the natural and man-made, social and economic environments while enhancing safety and Missourians' quality of life.

Design and Construction

New highway and bridge projects must be carefully studied, planned and reviewed by the public and state and federal agencies before detailed plans can be produced. After all environmental requirements are met, MoDOT can

design the project, purchase land and begin construction. This work is done by private contractors who submit bids for the projects.

Practical Design

MoDOT challenges project engineers to use non-traditional project design methods to develop efficient solutions for today's project needs. Practical Design places a premium on projects that deliver system-wide improvements and is rooted in the principle that building a series of good, not great, projects will result in a great system. It maximizes the value of a project by ensuring that it is the correct solution for its surroundings.

Unveiled in late 2004, it initially saved \$400 million on projects that were already in the STIP. Those savings funded additional projects. Now there is an expectation that Practical Design will be considered from the outset of every project, enabling MoDOT to stretch its construction budget to as many projects as possible.

Maintenance

MoDOT's work doesn't end when a road or bridge is built. Maintenance and traffic management keep traffic flowing safely and efficiently. MoDOT provides snow removal, signing, striping, litter control and mowing services; maintains roadsides and rest areas; and completes routine road and bridge repairs. The department monitors traffic trends and plans improvements.

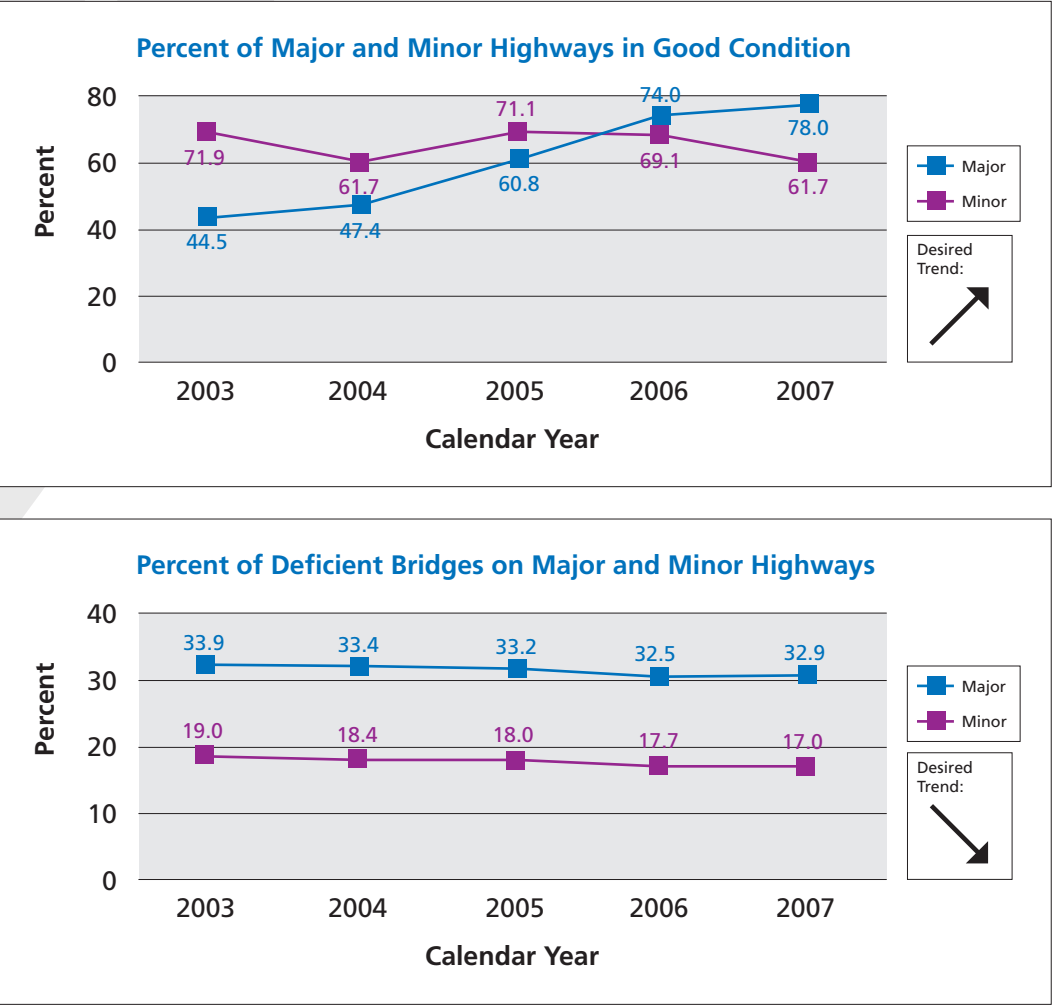
Inspecting bridges is another important maintenance task. All state bridges and culverts are inspected at least every two years. Some are inspected more often to ensure safety for motorists. The department also helps cities and counties inspect 13,567 local bridges.

Transportation System Conditions

Completion of the Smooth Roads Initiative one year ahead of schedule and the Better Roads, Brighter Future program currently under way are

significantly improving pavement conditions in Missouri. The Safe & Sound Bridge Improvement program will repair or replace 802 of Missouri's worst bridges over the next five years.

Conditions of Missouri Highways and Bridges



# How Much Does it Cost?

## Construction

The average construction costs of a roadway or bridge can fluctuate greatly depending on a number of factors. Roadway construction costs vary due to the type (interstate vs. state route), terrain and number of interchanges and bridges in a project. Bridge construction costs are dependent on the type of bridge and the requirements at the location of the bridge. The charts below outline typical costs to build or maintain a Missouri highway or bridge:

Average Costs to Build or Maintain Missouri Highways	
<b>Cost to resurface (per mile)</b>	
Major Highway	\$1 million
Interstate	\$1.2 million
<b>Cost for new construction (per mile)</b>	
Two-lane Highway	\$1.7 million
Four-lane Highway	\$3.1 million

Average Costs to Build or Maintain Missouri Bridges	
<b>Cost to maintain (per square foot)</b>	
Redecking	\$60
<b>Cost for new construction (per square foot)</b>	
Steel Plate Girder Bridge	\$115
Prestressed Concrete Girder Bridge	\$85 to \$100

Some projects currently under way include:

**Route 50 Four Lane**  
Estimated cost: \$24.9 million to convert 8.4 miles from two to four lanes from St. Martins to east of California  
Project completion: Summer 2010

**Glasgow Bridge**  
Estimated cost: \$14.4 million for the rehabilitation of the historic Missouri River Bridge at Glasgow  
Project completion: Fall 2009 - Open to traffic August 2009



**Route 60 Four Lane**  
Estimated cost: \$27.8 million to convert 18.7 miles of two-lane highway to four lanes between Mountain View and Winona  
Project completion: Winter 2009

**Maintenance Program**  
Beyond the nearly \$433 million a year MoDOT spends to keep highways, bridges and roadsides in good condition, there are several other costs involved in maintaining the system – from snow removal and mowing to litter removal and traffic management.

Average annual maintenance costs for these activities over the last five years include:

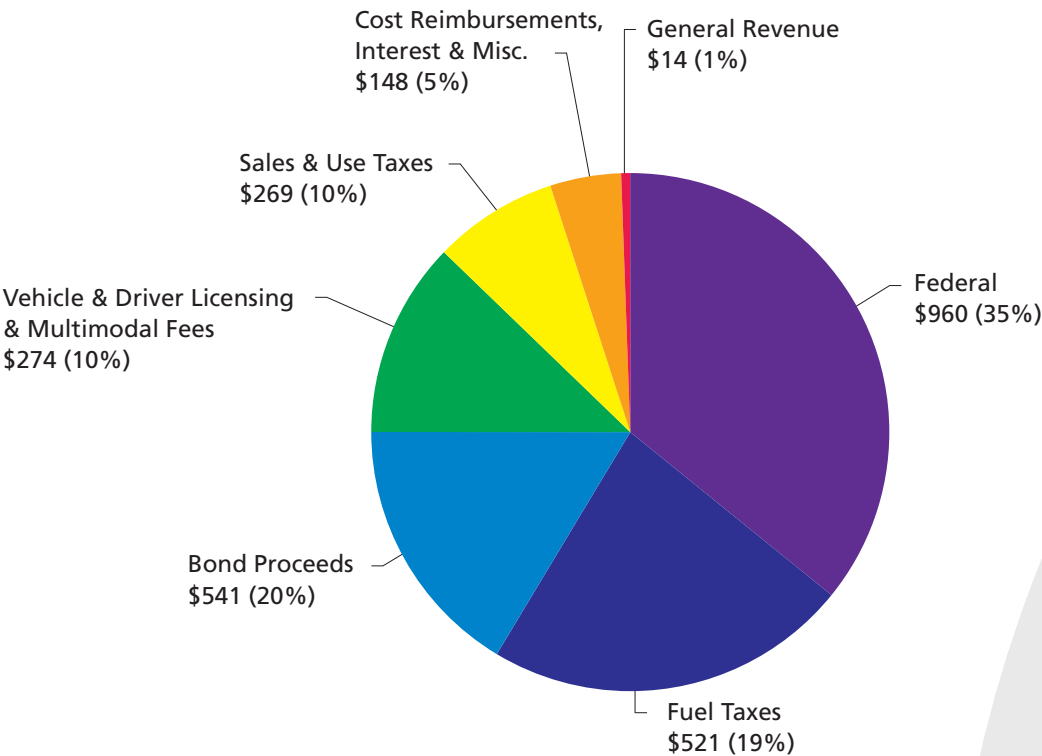
- Snow Removal - \$40 million
- Mowing - \$18.1 million
- Litter Removal - \$6 million

**Traffic Management**  
**Signals** – Traditional traffic signals cost between \$100,000 to \$150,000 to install and about \$7,000 a year to maintain.  
**Signs** – MoDOT makes an average of 130,000 signs per year to replace existing signs that are worn out or damaged, install new signs and handle other signing and decals needed for MoDOT operations. There are approximately 800,000 signs on the state highway system. Costs for these signs vary because they come in many shapes and sizes, but the average stop sign costs about \$400 to make and install.



# Funding

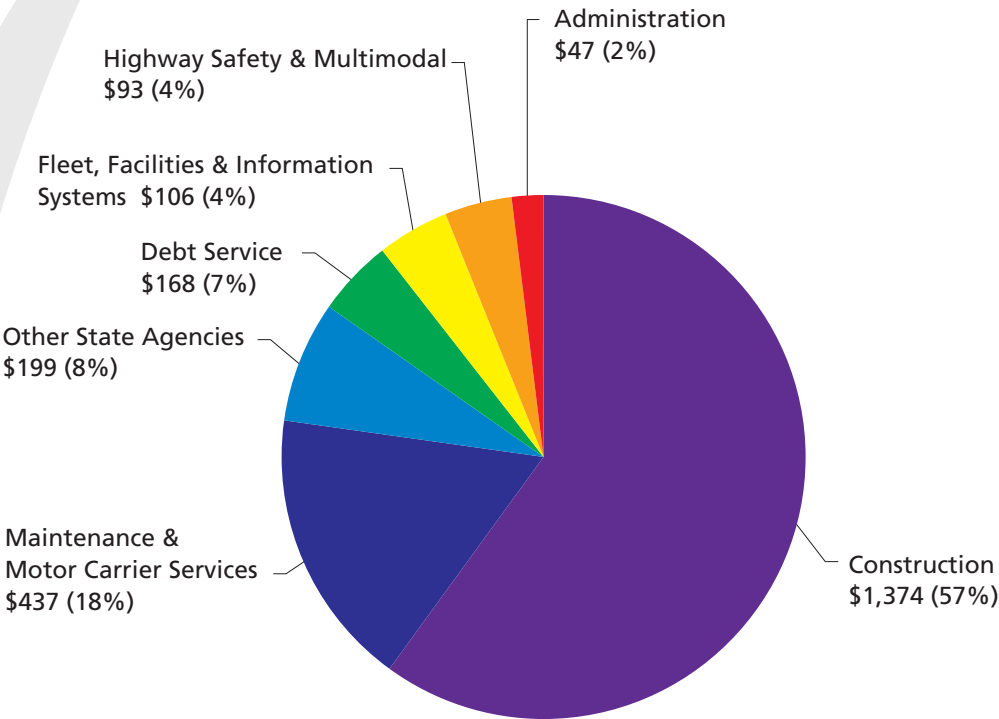
Breakdown of \$2.7 Billion in Revenue  
*Dollars in millions*



Fiscal Year 2008

Fiscal Year 2008

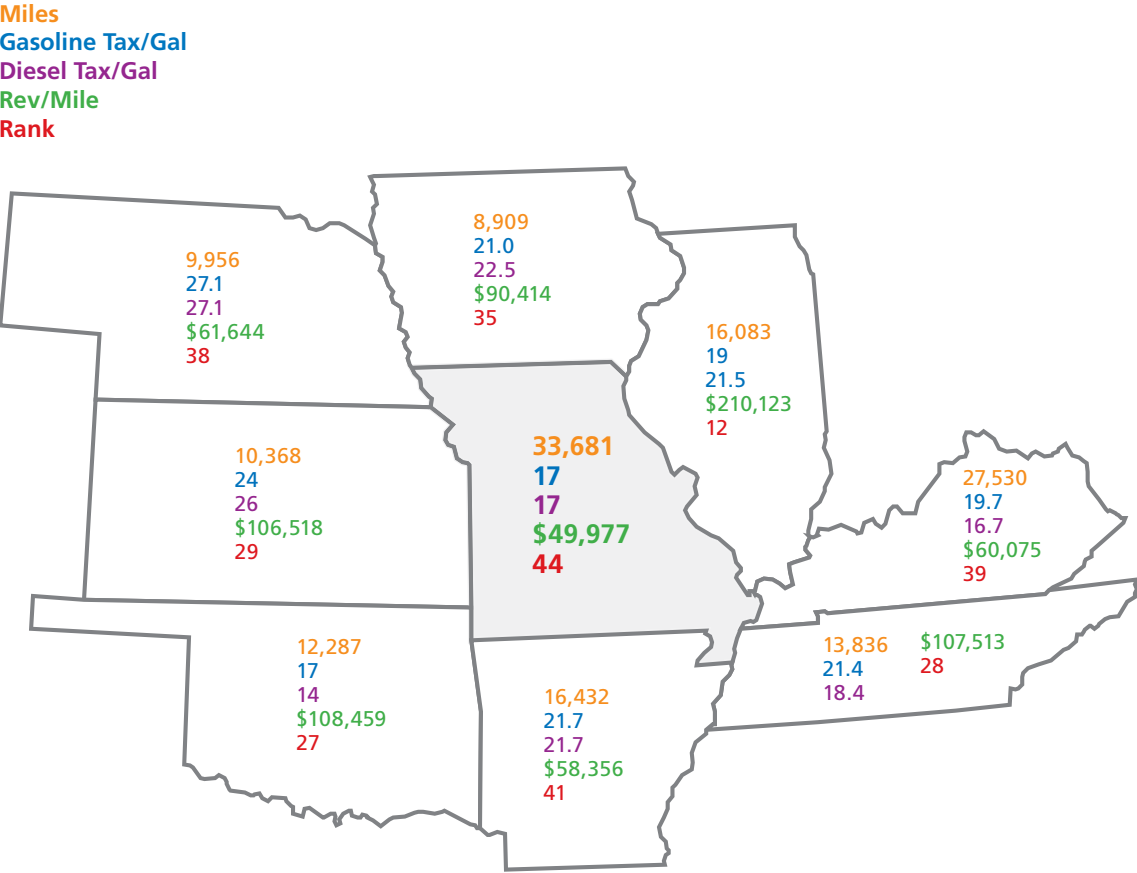
Breakdown of \$2.4 Billion in Expenditures  
*Dollars in millions*



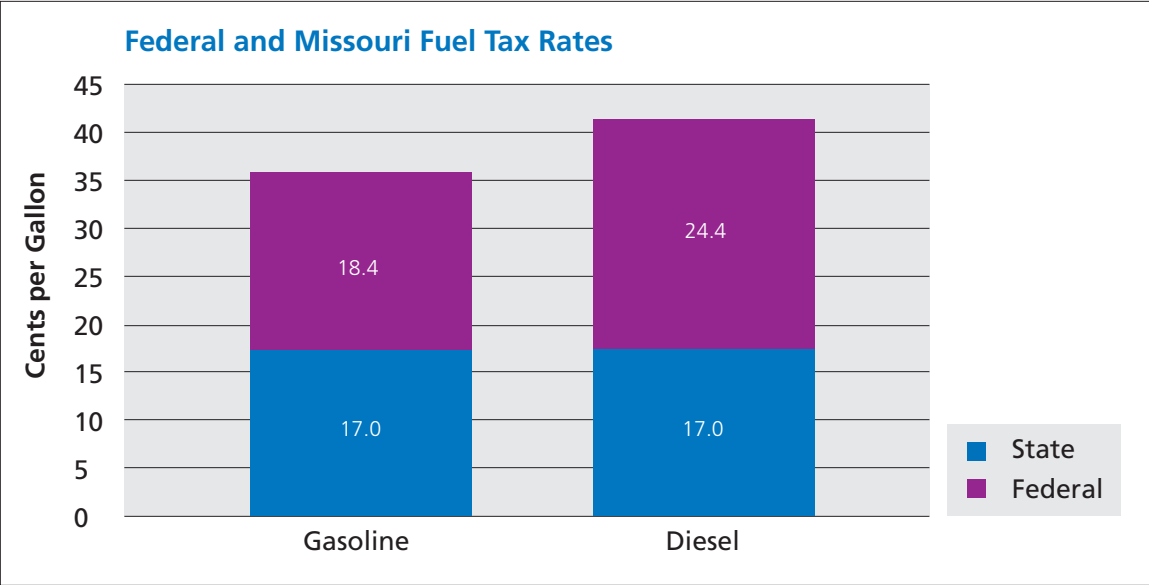


Midwest Revenue Comparisons

Missouri's fuel tax is among the lowest of its neighboring states, most of which also benefit from other types of funding not available in Missouri. Missouri ranks 44th nationally in revenue per mile.



Fuel Tax



History of Missouri's State Fuel Tax Rates

- The first state fuel tax rate was 2 cents per gallon, established in 1924.
- Fuel tax rate increased to 3 cents per gallon in 1952.
- Fuel tax rate increased to 5 cents per gallon in 1961.
- Fuel tax rate increased to 7 cents per gallon August 13, 1972.
- Fuel tax rate increased to 11 cents per gallon June 1, 1987 (Proposition A).
- Fuel tax rate increased to 13 cents per gallon April 1, 1992
- Fuel tax rate increased to 15 cents per gallon April 1, 1994.
- Fuel tax rate increased to its current rate of 17 cents per gallon April 1, 1996.



# Multimodal Operations

MoDOT works with cities, counties and regional authorities to plan improvements for aviation, railroad, waterways and public transportation facilities, as well as bicycle and pedestrian programs in Missouri. MoDOT administers a number of state and federal programs that fund and support these modes and various associated facilities.

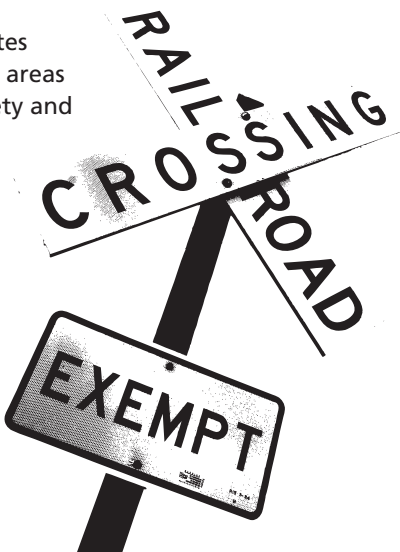
## Aviation

Missouri has 131 public airports used by 12,081 state-registered pilots. At seven airports, 20 commercial airlines provide service to more than 25 million passengers each year.

## Railroads

With more than 4,000 total miles of track, Missouri's railroad system ranks 10th in the nation. Kansas City and St. Louis are the second and third busiest freight terminals in the country. There are also nearly 4,000 public highway-rail crossings in the state.

MoDOT regulates railroads in the areas of crossing safety and improvements; rail/highway construction; track, crossing and train control signals; and operating practices



of trains. The agency participates in rail safety outreach through Operation Lifesaver and other safety groups. MoDOT also oversees the state's contract to provide Amtrak rail passenger service between St. Louis and Kansas City. The trains make eight intermediate stops in two daily round trips. Amtrak also provides national service on other routes in Missouri.

## Waterways

MoDOT provides technical and financial assistance in development and operations for 14 public port authorities. Missouri has about 1,050 miles of navigable waterways – about 550 miles on the Missouri River and 500 miles on the Mississippi River. Missouri's waterways are used to transport bulk commodities such as grain, fertilizer and coal.

Publicly owned ferry services on the Mississippi River receive federal and state funding assistance through MoDOT.



## Public Transportation

MoDOT administers state and federal funds for 35 public transportation agencies and more than 200 specialized mobility providers for the elderly and disabled. Public transportation systems in Missouri provide more than 72 million one-way trips per year.

MoDOT also administers the federally funded Rural Transportation Assistance Program, providing training in defensive driving, passenger assistance and other essential skills to transit drivers.



## Bicycling and Walking

Each year, more than one million Missourians ride bicycles for recreation, fitness and transportation. Almost four times that many walk as a recreational activity. According to the 2000 U.S. Census, 10 percent of Missouri households don't have an automobile. In some urban areas, this number increases to 25 percent. About 5,500 Missourians commute to work by bicycle, and an estimated 55,000 walk to work.



MoDOT administers federal funds for the Safe Routes to School and Transportation Enhancement projects, many of which include bike lanes, sidewalks and shared use paths. MoDOT is also working to incorporate walking and biking facilities where they are needed on other projects. State bicycle maps, free educational materials and other useful information are available at [www.modot.org](http://www.modot.org).

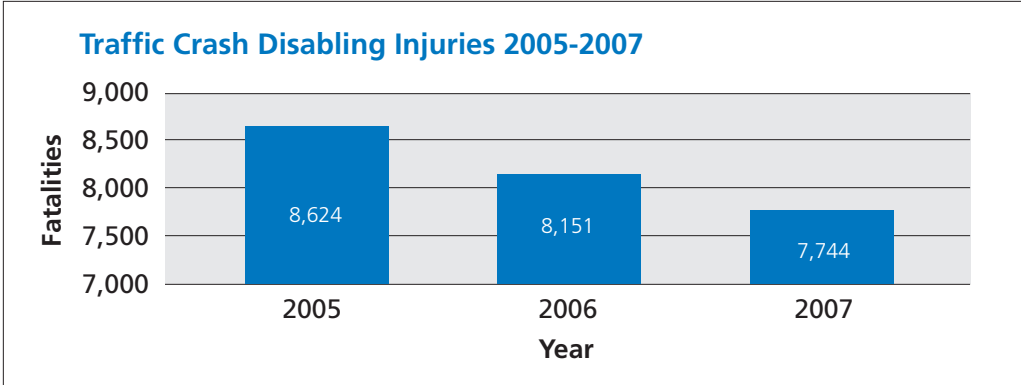
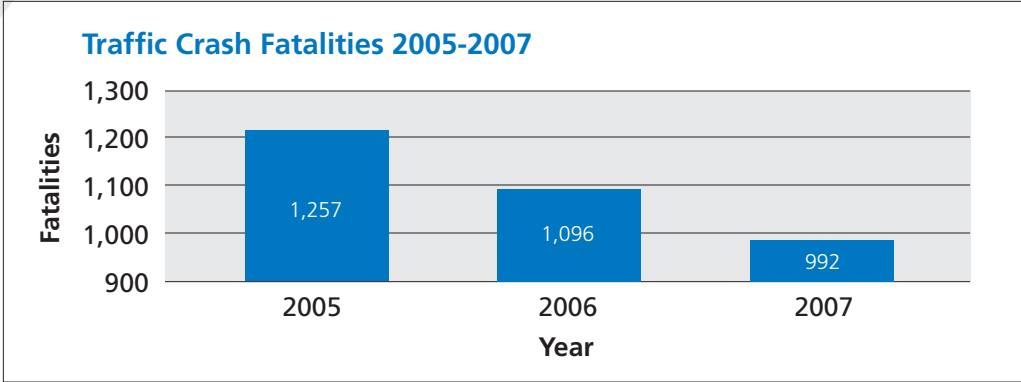
# Safety

## Highway Safety

Traffic crashes on Missouri roadways in 2007 resulted in 992 deaths and 7,744 injuries, the lowest since 1993. Through research and analysis of traffic crash data, MoDOT’s Highway Safety Division develops programs that affect traffic safety by addressing driver behaviors such as impaired driving, speeding, inattentive or distracted driv-

ing, red-light running and use of safety belts and child safety seats.

MoDOT staff is working with safety advocates across the state to implement Missouri’s Blueprint to Arrive Alive. The aim of the blueprint is to reduce the number of traffic crashes and fatalities.



## Missouri Safety Belt Usage Rates

	Overall Usage (Drivers and Front Seat Outboard Passengers)		Teens (Drivers and Front Seat Outboard Passengers)		Commercial Motor Vehicle Drivers	
Year	Missouri	National	Missouri	National	Missouri	National
2008	76%	83%	62%	n/a	73%	n/a
2007	77%	82%	61%	n/a	68%	n/a
2006	75%	81%	58%	n/a	n/a	n/a
2005	77%	82%	56%	n/a	66%	n/a
2004	76%	80%	54%	n/a	59%	n/a
2003	73%	79%	n/a	n/a	n/a	48%
2002	69%	75%	n/a	n/a	n/a	n/a
2001	68%	73%	n/a	n/a	n/a	n/a
2000	68%	71%	n/a	n/a	n/a	n/a
1999	61%	67%	n/a	n/a	n/a	n/a
1998	60%	n/a	n/a	n/a	n/a	n/a

National usage rates are not available for Teen Seat Belt Usage and Commercial Vehicle Driver Usage (although Federal Motor Carrier Safety Administration performed one CMV survey in 2003). Missouri has determined it is important to collect these usage rates to establish the best countermeasures to address these problem areas.

## Work Zone Safety

MoDOT’s highway work zone safety campaign – The Difference is YOU. Drive Smart. – reminds travelers to take extra care when traveling in work zones. At any time, hundreds of construction and maintenance projects are under way to improve transportation in Missouri. Smart driving behavior is critical to the safety of travelers and workers.

Travelers can check MoDOT’s Web site, [www.modot.org](http://www.modot.org), to learn the location of highway projects.





## Other MoDOT Programs/Services

### Adopt-A-Highway

Local organizations and others interested in improving Missouri's environment can help with litter pickup, beautification or mowing through



MoDOT's Adopt-A-Highway program. Adopt-A-Highway is a public/private partnership committed to beautifying Missouri's roadside and providing litter-prevention education. More than 3,750 volunteer groups are responsible for approximately 5,300 miles of roadway.

### Sponsor-A-Highway

Groups or organizations that adopt a highway in the Kansas City and St. Louis areas now have the option of paying Adopt-A-Highway Litter Removal Services of America, Inc. to do litter cleanup and other services on their behalf. Sponsors still receive a sign with their name on it, denoting the highway section they have adopted, similar to the signs other groups receive for adopting highways.

### Intelligent Transportation Systems

Intelligent Transportation Systems provide an economically sound and environmentally ef-

ficient solution to the problems plaguing the nation's transportation system. These congestion management and traveler information systems use highly advanced technology to offer drivers a safer, faster and more manageable commute. Three Missouri cities enjoy the advantages of this technology: St. Louis – Gateway Guide, Kansas City – Kansas City Scout and Springfield – Ozarks Traffic. These traffic management centers keep the traffic flowing smoothly by using a network of closed-circuit cameras, dynamic message signs, vehicle detector loops, highway advisory radio and Internet Web sites.



In addition, MoDOT has installed 60 rural electronic message boards on Interstates 70, 44, 55, 29 and 35 and on U.S. Route 60 to instantly inform travelers about road closings, accidents, hazardous road conditions and Amber Alerts on missing children.

### Motorist Assist

Motorist Assist and Emergency Response patrol some of the busiest interstates in and around the Kansas City and St. Louis metropolitan areas, offering assistance to disabled motorists and searching for lane obstructions such as stalled vehicles, car accidents or debris. Motorist Assist operators also provide support to law enforcement, emergency responders and other emergency agencies in the form of traffic control and back up for incidents on area interstates. Their efforts help improve air quality, relieve congestion and keep traffic flowing smoothly and safely through the state's largest metropolitan areas.

### Motor Carrier Services

MoDOT Motor Carrier Services is the central location for commercial vehicle licensing and permits. Commercial vehicles include trucks, tractor-trailers, buses, limousines and others that transport property, pas-

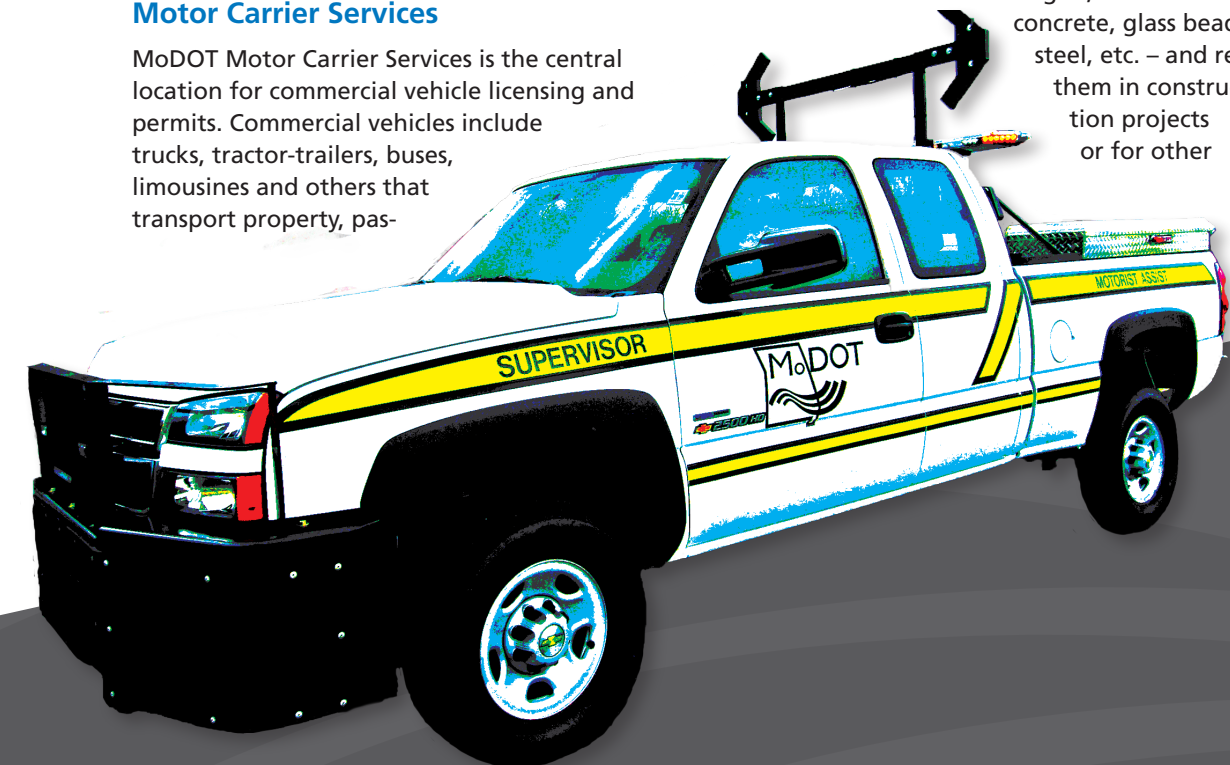
sengers or hazardous materials. Motor carriers move more than 80 percent of all manufactured goods transported in Missouri.

### No MOre Trash!

No MOre Trash! is Missouri's statewide litter awareness campaign co-sponsored by the Missouri departments of Conservation and Transportation. It is designed to end roadside litter and trash dumping. For more information, go to [www.nomoretrash.org](http://www.nomoretrash.org).

### Recycling

MoDOT recycles many products – tires, roofing shingles, coal cinders, concrete, glass beads, steel, etc. – and reuses them in construction projects or for other



purposes. MoDOT also recycles light bulbs and uses reclaimed materials on signs. From 2003 to 2007, the department kept more than 3.6 billion pounds of waste from going to landfills.



**TRAC**  
MoDOT promotes science and mathematics education by sponsoring the Transportation and Civil Engineering program. When visiting with students, volunteer instructors lead tours of MoDOT facilities and use special computer programs and hands-on exercises to teach problem-solving skills. Team building activities simulate challenges students could face in their future careers.

**Tracker**  
A quarterly publication, the Tracker documents how MoDOT's performance-based system focuses on the customer. It measures MoDOT's performance in giving customers what they want, such as uninterrupted traffic flow, smooth and unrestricted roads and bridges and a safe transporta-

tion system. Information within its pages guides department operations.

**Traveler Information Map**  
MoDOT's Traveler Information Map provides travelers with an up-to-the-minute view of road conditions for major Missouri highways. Using a color-coded system, the map shows work zone locations, flooding information and weather-related road conditions and other incidents for major Missouri cities, counties, MoDOT districts and other travel destinations. A text report and links to road condition maps for surrounding states are also available on the Traveler Information Map at [www.modot.org](http://www.modot.org).

**Trees for Tomorrow**  
MoDOT partners with the Missouri Department of Conservation to administer the Trees for Tomorrow program. This conservation effort provides half-a-million trees a year to youth groups throughout the state to help replace trees taken down during highway construction. The program runs through 2012.



# Contacting MoDOT

- 1

**Northwest District**  
3602 N. Belt Highway  
St. Joseph, MO 64506  
816-387-2350
- 2

**North Central District**  
902 N. Missouri St.  
Macon, MO 63552  
660-385-3176
- 3

**Northeast District**  
1711 S. Hwy. 61  
Hannibal, MO 63401  
573-248-2490
- 4

**Kansas City Area District**  
600 NE Colbern Road  
Lee's Summit, MO 64086  
816-622-6500
- 5

**Central District**  
1511 Missouri Blvd.  
Jefferson City, MO 65102  
573-751-3322
- 6

**St. Louis Area District**  
1590 Woodlake Drive  
Chesterfield, MO 63017  
314-340-4100
- 7

**Southwest District**  
3901 E. 32nd St.  
Joplin, MO 64804  
417-629-3300
- 8

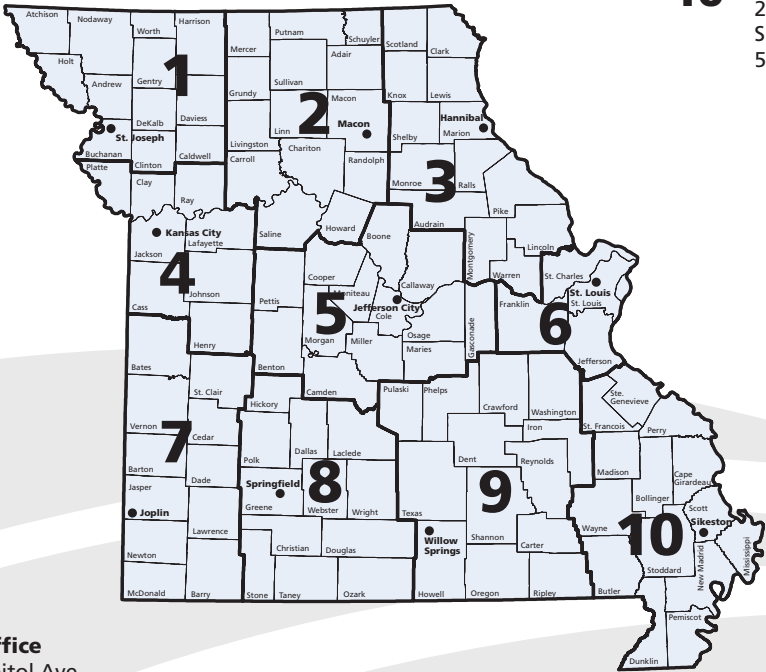
**Springfield Area District**  
3025 E. Kearney St.  
Springfield, MO 65801  
417-895-7600
- 9

**South Central District**  
910 Old Springfield Road  
Willow Springs, MO 65793  
417-469-3134
- 10

**Southeast District**  
2675 N. Main St.  
Sikeston, MO 63801  
573-472-5333

**Central Office**  
105 W. Capitol Ave.  
Jefferson City, MO 65102  
573-751-2551

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